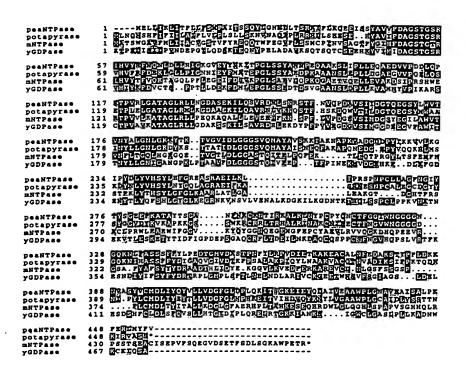
DTCT	ርርጥጥ'	TT T	AAAT'	GGCC	, 160	ACAG	GAG G GC	TGT	AGC	AGC I	ACTGO	AGAGG NAAGA CTTCA GG GC Ly Al	G CA	ACAA C TI	GACC GCCA AGCC C C	60 120 180 231
Met 10	Leu	Ile	Ile A	Ala (cys (15	vai c	, . .		•	20		TAC # Tyr #		2	25	279
CAG Gln	ACC Thr	TGG Trp	Phe	GAA (Glu (30	GGT (GTC 1	TTC '		TCT Ser 35	TCC . Ser	ATG Met	TGC (Cys 1	Pro	ATT I Ile I 40	AAT Asn	327
GTC Val	AGT Ser	GCC Ala	GGC Gly 45	ACC Thr	TTT Phe	TAT (3 L J	ATT Ile 50	ATG Met	TTT Phe	GAT Asp	GCG (Ala (GGC A Gly 1 55	AGC A	ACT Thr	375
GGA Gly	ACT Thr	CGG Arg 60	ATT Ile	CAT His	GTT Val	TAT	ACT Thr 65	TTT Phe	GTG Val	CAG Gln	AAA Lys	ACA (Thr 2	GCA Ala	GGA (CAG Gln	423
CTC Leu	CCC Pro		CTG Leu	GAA Glu	GGT Gly	GAA Glu 80	ATT Ile	TTT Phe	GAT Asp	TCT Ser	GTG Val 85	AAG Lys	CCG Pro	GGA Gly	CTT Leu	471
TCT Ser 90		TTT Phe	GTG Val	GAT Asp	CAG Gln 95	CCC Pro	AAA Lys	CAG Gln	GGT Gly	GCT Ala 100	GAG Glu	ACT Thr	GTC Val	CAG Gln	GAG Glu 105	519
-	TTG Leu	GAG Glu	GTG Val	GCC Ala 110	AAA Lys	GAC Asp	TCG Ser	ATC Ile	CCC Pro 115	AGA Arg	AGC Ser	CAC His	TGG Trp	GAA Glu 120	AGG Arg	567
ACC Thr	CCG Pro	GTG Val	GTT Val 125	CTG Leu	AAA Lys	GCA Ala	ACG Thr	GCC Ala 130	GGA Gly	CTC Leu	CGT Arg	TTG Leu	CTG Leu 135	CCT Pro	GAG Glu	615
CAG Gln	AAA Lys	GCC Ala 140	CAG Gln	GCT Ala	CTG Leu	CTC Leu	TTG Leu 145	GAG Glu	GTA Val	GAG Glu	GAG Glu	ATC Ile 150	TTC Phe	AAG Lys	AAT Asn	663
TCA Ser	CCT Pro	TTC Phe		GTC Val	CCA Pro	GAT Asp 160	GGC Gly	AGC Ser	GTT Val	AGC Ser	ATC Ile 165	ATG Met	GAT Asp	GGG Gly	TCC Ser	711
TAT	GAA		: ATA / Ile	CTA Leu	GCC Ala 175	пр	GTT Val	ACC Thr	GTG Val	AAC Asn 180	TTT Phe	CTA Leu	ACA Thr	GGT Gly	CAG Gln 185	759
	•	GGI Gly	CGT Arg	GGC Gly 190	GIn	GIU	1111	GTG Val			CTT Leu	GAC Asp	CTG Leu	GGG Gly 200	GGT	807
GC(C TCC	C ACC	C CAA	lle	ACG Thr	TTT Phe	CTA Leu	CCC Pro	,	TTI Phe	GAG Glu	AAA Lys	ACC Thr 215	CTG Leu	GAA Glu	855
CA:	A AC	A CC' r Pro 22	r AGO		TAC Tyr	CTC Leu	ACT Thi		TTT	r GAG e Glu	ATO Met	TTT Phe 230	AAC Asn	AGC Ser	ACT Thr	903

TTT Phe	AAG Lys 235	CTC Leu	TAT Tyr	ACA Thr	CAT His	AGT Ser 240	TAC Tyr	TTG Leu	GGA Gly	TTT Phe	GGA Gly 245	CTG Leu	AAA Lys	GCT Ala	GCA Ala	951
AGA Arg 250	CTG Leu	GCA Ala	ACT Thr	CTG Leu	GGA Gly 255	GCC Ala	CTG Leu	GAA Glu	GCA Ala	AAA Lys 260	GGG Gly	ACT Thr	GAT Asp	GGA Gly	CAT His 265	999
Thr	Phe	Arg	Ser	Ala 270	TGT Cys	Leu	Pro	Arg	7rp 275	Leu	GIU	MIA	GIU	280	Tie .	1047
Phe	Gly	Gly	Val 285	Lys	TAC Tyr	Gln	Tyr	290	GIÀ	ASN	GIn	GIU	295	GIU	Mec	1095
Gly	Phe	Glu 300	Pro	Cys	TAT Tyr	Ala	G1u 305	Val	Leu	Arg	vaı	310	GIII	GIY	гуѕ	1143
Leu	His 315	Gln	Pro	Glu	GAA Glu	Val 320	Arg	GIÀ	Ser	Ala	325 ₁	Tyr	MIG	rne	Ser	1191
Tyr 330	Tyr	Tyr	Asp	Arg	GCC Ala 335	Ala	Asp	Thr	Hıs	340	IIe	Asp	Tyr	GIU	345	1239
Gly	Gly	Val	Leu	Lys 350	GTT Val	Glu	Asp	Pne	355	Arg	цуs	Ala	ALG	360	Vai	1287
Cys	Asp	Asn	Leu 365	Gly	AGC Ser	Phe	Ser	Ser 370	GIÀ	Ser	Pro	Pne	375	Cys	мес	1335
Asp	Leu	Thr 380	Tyr	Ile	ACA Thr	Ala	Leu 385	Leu	гàг	Asp	GIY	390	GIY	rne	ALG	1383
Glu	Arg 395	His	Pro	Leu	ACA Thr	Ala 400	His	Lys	Glu	Ser	405	GIN	HIS	Arg	Asp	1431
TGG Trp 410	TTG Leu	GGC Gly	CTT Leu	GGG Gly	GGC Gly 415	CAC His	CTT Leu	TCA Ser	Pro	GCT Ala 420	CCA Pro	GTC Val	TCT Ser	GGG Gly	CAT His 425	1479
CAC His	CAG Gln	CTG Leu	AGG Arg	CCA Pro 430	AGC Ser	TCC Ser	ACC Thr	TCT Ser	GAA Glu 435	GCC Ala	TGC Cys	ATT Ile	TCT Ser	GAA Glu 440	CCA Pro	1527
GTT Val	TTC Phe	TCA Ser	CAG Gln 445	GAA Glu	GGC Gly	GTG Val	GAC Asp	TCA Ser 450	GAG Glu	ACA Thr	TTT Phe	TCT Ser	GAC Asp 455	CTC Leu	TCT Ser	1575
GGA Gly	AAA Lys	GCC Ala 460	TGG Trp	CCC Pro	GAA Glu	ACC Thr	CGT Arg 465	TAA	CTGG'	TTT '	TATA	AGGA	GG G	AGGG	GTTTT	1629

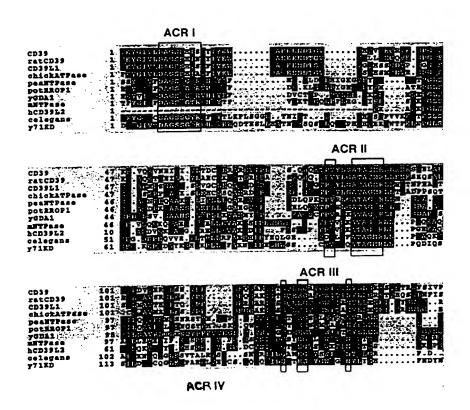
Fig. 1 (cont'd.)

TAGATGAGTC	TTGCTCTTGA	GCCTAGTGAT	TTGGGCTTCA	ATGATTTGCA	CATCTAATGT	1689
GAATAGCTCC	TAACCACTTG	GTGGGTGCAT	GGCTGGCACC	AGACTGTAAA	TCTTTTGGGA	1749
TTCTTTGTAC	AGAGTCCTGC	AAAGGAAAAA	AGAGAAAAGG	TTTGGAACTC	CATGCTAGAT	1809
TGCGAGTTCA	GAGACAGGTC	CCTGGGGACC	AAAGAACAAT	CTCGTTTCAA	CCCTTGGATG	1869
CCTCATTGCT	TTGAATGGAT	TCATTTTTGC	TTATAAGCTG	ATTTACTGAA	ATCCCATAAC	1929
CCATCAATGC	TGTTAATTTT	TTTCTTCCTA	CCCTTATTAC	ATTCCCTACC	CTAAAAGCCT	1989
GGGGGAAATA	CCTGGTTTTG	CTTCCCATCT	ATAATTGAGA	AAGAGGGGG	AAAAGATACT	2049
GTATTAGAAT	TTGTGTGATC	CTGTGGCACA	ATAGATCAAC	CAACCCATTT	AAAGCTTAAA	2109
AAAAAAAAA						2119

F16. 1 (contid.)



F16.2



F16.3

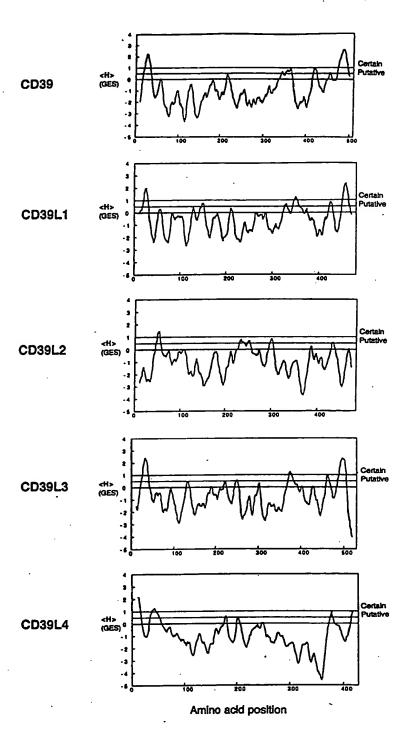
GTGGGGTCGT ATCCCGCG AAGACCGGCT GCCGCCTG GCGCGGTGCA TGGAATGG AAAACGAGCT ACATTTTT	CT CCCCGGAAAA (GC TATGTGAATG)	GGGCACTCGT CT AAAAAAGGTA TC	TCCGTGGGT GTGGCGGA CCGTTATGA AACTTCCA	AGA 180 GA 237
AAA ATA TCC AAC CAC Lys Ile Ser Asn His 5	GGG AGC CTG CGGly Ser Leu A	GG GTG GCG AA rg Val Ala Ly	AG GTG GCA TAC CCC ys Val Ala Tyr Pro 15	285
CTG GGG CTG TGT GTG Leu Gly Leu Cys Val 20	GGC GTG TTC A Gly Val Phe I 25	TC TAT GTT GC le Tyr Val Al 30	la Tyr Ile Lys Tr	333
CAC CGG GCC ACC GCC His Arg Ala Thr Ala 35	ACC CAG GCC T Thr Gln Ala P 40	TC TTC AGC AT he Phe Ser Il 45	TC ACC AGG GCA GCC le Thr Arg Ala Ala 50	381 a
CCG GGG GCC CGG TGG Pro Gly Ala Arg Trp 55	GGT CAG CAG G	CC CAC AGC CC la His Ser Pr 60	CC CTG GGG ACA GC ro Leu Gly Thr Ala 65	r 429 a
GCA GAC GGG CAC GAG Ala Asp Gly His Glu 70	GTC TTC TAC GOVAL Phe Tyr G	ly Ile Met Ph	TT GAT GCA GGA AGG he Asp Ala Gly Se 80	C 477
ACT GGC ACC CGA GTA Thr Gly Thr Arg Val 85	CAC GTC TTC CAN His Val Phe G. 90	AG TTC ACC CG ln Phe Thr Ar	GG CCC CCC AGA GA rg Pro Pro Arg Glo 95	A 525
ACT CCC ACG TTA ACC Thr Pro Thr Leu Thr 100	CAC GAA ACC THIS Glu Thr P	TC AAA GCA GT he Lys Ala Va 11	al Lys Pro Gly Le	r 573 1
TCT GCC TAT GCT GAT Ser Ala Tyr Ala Asp 115	GAT GTT GAA A Asp Val Glu L 120	AG AGC GCT CA ys Ser Ala Gl 125	AG GGA ATC CGG GAI ln Gly Ile Arg Glu 130	ג
CTA CTG GAT GTT GCT Leu Leu Asp Val Ala 135	AAA CAG GAC A Lys Gln Asp I	TT CCG TTC GA le Pro Phe As 140	AC TTC TGG AAG GCC sp Phe Trp Lys Ala 145	C 669
ACC CCT CTG GTC CTC Thr Pro Leu Val Leu 150	Lys Ala Thr A	CT GGC TTA CG la Gly Leu Ar 55	GC CTG TTA CCT GG/ rg Leu Leu Pro Gly 160	A 717 Y
GAA AAG GCC CAG AAG Glu Lys Ala Gln Lys 165	TTA CTG CAG A Leu Leu Gln L 170	AG GTG AAA GA ys Val Lys Gl	AA GTA TTT AAA GCA lu Val Phe Lys Ala 175	A 765 a
TCG CCT TTC CTT GTA Ser Pro Phe Leu Val 180	GGG GAT GAC TO Gly Asp Asp C 185	ys Val Ser Il	TC ATG AAC GGA AC le Met Asn Gly Th 90	A 813
GAT GAA GGC GTT TCG Asp Glu Gly Val Ser 195	GCG TGG ATC AGAIA Trp Ile T	CC ATC AAC TT hr Ile Asn Ph 205	TC CTG ACA GGC AG he Leu Thr Gly Se 210	ŗ
TTG AAA ACT CCA GGA Leu Lys Thr Pro Gly 215	Gly Ser Ser V	TG GGC ATG CT al Gly Met Le 220	TG GAC TTG GGC GG eu Asp Leu Gly Gl 225	A 909 Y

		ACT Thr		Ile											CAG Gln	957
		CCA Pro 245	Pro													1005
		CTC Leu														1053
	Leu	GCG Ala														1101
		TTG Leu														1149
		GCA Ala														1197
		CAC His 325														1245
		CAC His														1293
		TAT Tyr														1341
		GGC Gly														1389
		CGG Arg														1437
		CTC Leu 405														1485
Arg		AAA Lys	Val	Leu		Leu	Thr	Arg	Lys	Ile		Asn				1533
		GCT Ala														1581
		AGT Ser	Pro			TAGT	GGCC	GA G	CCAT	СССТ	G TC	CCCG	TCAG	CAG	TGTCT	1637
GGCC	GTGC	TG G	CACT	TTCT	G CA	CACT	GGCT	CTG	GGAC	TTG	CAGA	AGGC	CT G	GTGC	GCACA TGCCC TGCTC	1697 1757 1817

FIG. 4 (contid.)

AATGCCACCT	GTCTGCCTGG	GCTCCAAGTG	GGCAGGACCA	GGACAGAACC	ACAGGCACAC	1877
ACTGAGGGGG	CAGTGTGGCT	CCCTGCCTGT	CCCATCCCCA	TGCCCCGTCC	GCGGGGCTGT	1937
GGCTGCTGCT	GTGCATGTCC	CTGCGATGGG	AGTCTTGTCT	CCCAGCCTGT	CAGTTTCCTC	1997
CCCAGGGCAG	AGCTCCCCTT	CCTGCAAGAG	TCTGGGAGGC	GGTGCAGGCT	GTCCTGGCTG	2057
CTCTGGGGAA	GCCGAGGGAC	AGCCATAACA	CCCCCGGGAC	AGTAGGTCTG	GGCGGCACCA	2117
CTGGGAACTC	TGGACTTGAG	TGTGTTTGCT	CTTCCTTGGG	TATGAATGTG	TGAGTTCACC	2177
CAGAGGCCTG	CTCTCCTCAC	ACATTGTGTG	GTTTGGGGTT	AATGATGGAG	GGAGACACCT	2237
CTTCATAGAC	GGCAGGTGCC	CACCTTTCAG	GGAGTCTCCC	AGCATGGGCG	GATGCCGGGC	2297
ATGAGCTGCT	GTAAACTATT	TGTGGCTGTG	CTGCTTGAGT	GACGTCTCTG	TCGTGTGGGT	2357
GCCAAGTGCT	TGTGTAGAAA	CTGTGTTCTG	AGCCCCCTTT	TCTGGACACC	AACTGTGTCC	2417
TGTGAATGTA	TCGCTACTGT	GAGCTGTTCC	CGCCTAGCCA	GGGCCATGTC	TTAGGTGCAG	2477
CTGTGCCACG	GGTCAGCTGA	GCCACAGTCC	CAGAACCAAG	CTCTCGGTGT	CTCGGGCCAC	2537
CATCCGCCCA	CCTCGGGCTG	ACCCCACCTC	CTCCATGGAC	AGTGTGAGCC	CCGGGCCGTG	2597
CATCCTGCTC	AGTGTGGCGT	CAGTGTCGGG	GCTGAGCCCC	TTGAGCTGCT	TCAGTGAATG	2657
TACAGTGCCC	GGCACGAGCT	GAACCTCATG	TGTTCCACTC	CCAATAAAAG	GTTGACAGGG	2717
GCTTCTCCTT	CAAAAAAAAA	ααααααααα	ΑΑΑΑΑΑΑΑΑ	ΑΑΑΑΑ		2762

FIG. 4 (contid)



F16.5

CTC	ACGC CGCA	GT C	CTAC	CGCG	G GC	G AT	G TI	C AC	T G1	G C	rg Ac	c co	SC CA	LA CC	ATCGG A TGT O Cys 10	60 112
															GCC Ala	160
															GTC Val	208
ATC Ile	CAG Gln	ATC Ile 45	CAC His	AAG Lys	CAA Gln	GAG Glu	GTC Val 50	CTC Leu	CCT Pro	Pro	GGA Gly	CTG Leu 55	AAG Lys	TAT Tyr	GGT Gly	256
															CAA Gln	304
								ACC Thr								352
								ATC Ile								400
								GAG Glu 115								448
								TCC Ser								496
								TTG Leu								544
								TAC Tyr								592
								GGG Gly								640
								GGA Gly 195								688
								GGA Gly								736
lsp								ATA Ile								784

ATG Met 235	GAT Asp	CTG Leu	AAC Asn	ACC Thr	AGC Ser 240	GAC Asp	ATC Ile	ATG Met	CAG Gln	GTG Val 245	TCC Ser	CTG Leu	TAT Tyr	GGC Gly	TAC Tyr 250	832
GTA Val	TAC Tyr	ACG Thr	CTC Leu	TAC Tyr 255	ACA Thr	CAC His	AGC Ser	TTC Phe	CAG Gln 260	TGC Cys	TAT Tyr	GGC Gly	CGG Arg	AAT Asn 265	GAG Glu	880
GCT Ala	GAG Glu	AAG Lys	AAG Lys 270	TTT Phe	CTG Leu	GCA Ala	ATG Met	CTC Leu 275	CTG Leu	CAG Gln	TAA Asn	TCT Ser	CCT Pro 280	ACC Thr	AAA Lys	928
AAC Asn	CAT His	CTC Leu 285	ACC Thr	AAT Asn	CCC Pro	TGT Cys	TAC Tyr 290	CCT Pro	CGG Arg	GAT Asp	TAT Tyr	AGC Ser 295	ATC Ile	AGC Ser	TTC Phe	976
ACC Thr	ATG Met 300	GGC Gly	CAT His	GTA Val	TTT Phe	GAT Asp 305	AGC Ser	CTG Leu	TGC Cys	ACT Thr	GTG Val 310	GAC Asp	CAG Gln	AGG Arg	CCA Pro	1024
GAA Glu 315	AGT Ser	TAT Tyr	AAC Asn	CCC Pro	AAT Asn 320	GAT Asp	GTC Val	ATC Ile	ACT Thr	TTT Phe 325	GAA Glu	GGA Gly	ACT Thr	GGG Gl <u>y</u>	GAC Asp 330	1072
CCA Pro	TCT Ser	CTG Leu	TGT Cys	AAG Lys 335	GAG Glu	AAG Lys	GTG Val	GCT Ala	TCC Ser 340	ATA Ile	TTT Phe	GAC Asp	TTC Phe	AAA Lys 345	GCT Ala	1120
TGC Cys	CAT His	GAT Asp	CAA Gln 350	GAA Glu	ACC Thr	TGT Cys	TCT Ser	TTT Phe 355	GAT Asp	GGG Gly	GTT Val	TAT Tyr	CAG Gln 360	CCA Pro	AAG Lys	1168
ATT Ile	AAA Lys	GGG Gly 365	CCA Pro	TTT Phe	GTG Val	GCT Ala	TTT Phe 370	GCA Ala	GGA Gly	TTC Phe	TAC Tyr	TAC Tyr 375	ACA Thr	GCC Ala	AGT Ser	1216
Ala	Leu 380	Asn	Leu	Ser	Gly	Ser 385	Phe	Ser	CTG Leu	Asp	390	Pne	ASI	Ser	Ser	1264
Thr 395	Trp	Asn	Phe	Cys	Ser 400	Gln	Asn	Trp	AGT Ser	405	Leu	PIO	Leu	rea	410	1312
Pro	Lys	Phe	Asp	Glu 415	Val	Tyr	Ala	Arg	TCT Ser 420	Tyr	Cys	rne	Ser	425	ASN	1360
Tyr	Ile	Tyr	His 430	Leu	Phe	Val	Asn	Gly 435	TAC Tyr	Lys	Phe	Thr	440	GIU	Thr	1408
Trp	Pro	Gln 445	Ile	His	Phe	Glu	Lys 450	Glu	GTG Val	Gly	Asn	Ser 455	Ser	116	AIA	1456
Trp	Ser 460	Leu	Gly	Tyr	Met	Leu 465	Ser	Leu	Thr	Asn	470	116	PIO	ATA	GAA Glu	1504
AGC Ser 475	CCT Pro	CTG Leu	ATC Ile	CGT Arg	CTG Leu 480	Pro	ATA Ile	GAA Glu	CCA Pro	CCT Pro 485	GTC Val	TTT Phe	GTG Val	GGC Gly	ACC Thr 490	1552

Fig. 6 (cont.d.)

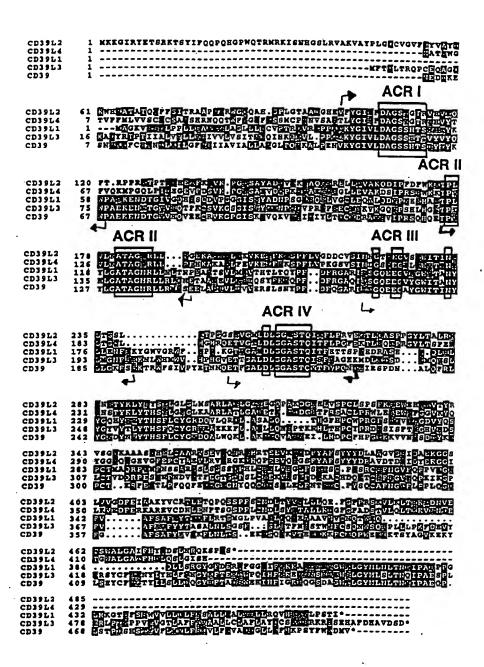
CTC GCT TTC TTC ACA GTG GCA GCC TTG CTG TGT CTG GCA TTT CTT GCA Leu Ala Phe Phe Thr Val Ala Ala Leu Leu Cys Leu Ala Phe Leu Ala 495 500 505	1600
TAC CTG TGT TCA GCA ACC AGA AGA AAG AGG CAC TCC GAG CAT GCC TTT Tyr Leu Cys Ser Ala Thr Arg Arg Lys Arg His Ser Glu His Ala Phe 510 520	1648
GAC CAT GCA GTG GAT TCT GAC TGAGCCTTCA AAGCAGCTCC TGGAGTCCAA TGGC Asp His Ala Val Asp Ser Asp 525	1703
TGCTTAGAGT CAGCCTGGGT GGCACCAGGC AATGCAGGTG AAGTGGCTGC CTTCAGGAAA	1763
TACAACTAAC TAAAATCAAA CACCTAGGTC ACGTGCCTCT CAAATACTGA TTTCTGCCAC	1823
AGCACCTCTT GAGGCATCCC TTGGCTATTC TGTGCATATT GTTCTTCAGA GACCTCACTA	1883
CCCACATGCT GATCTATTGG GGAACAGAGA AGAGACAGGC CACTAAGGTC AGGCTCTTTA	1943
TATTAAGTTC CCCAGAGGAA GAGTAAGTTG AGAAGGTATC AGTTTAATGT TGAAGAATTG	2003
ACCTCAGGGC TCAGTTTCCA TTTCCCTCCC TCAGTATTCT TCCTGGCAAG ATACCCATTA	2063
AGCATTTCGC CAATCAGAAT CTCATTTTAT AGTTTTTCCC ATTGGTCTTT AACTAAGACT	2123
TTCTTGTAGC AATCTCGTAA GCAGTGAACC CCCTCAGATC AGTAGAATAT AGTATCTGGG	2183
GGAGAAGACT TACTTCCTTC AGGGCAGCAG CCACAGCCAG GCTTCTGTCA TACAGGTAGA	2243
TCCCGAAGCA CAGAGACATA AAAAAGGTCT CCCAGAAAAC TATAGACCAT TCTCCAAGTG	2303
GAATTCCCAC TTAGGGCTCT GGTCACTAGA TTGCAACCTG TGTGTTTGTC ATCATCCTCA	2363
TCTCACCATT GTATTGCTAT GCCCTCCCAT AAAAACACAT TGATCCCTAG CAAGATTATT	2423
GCATTCCAGA TTTTACTGCC TTTGCTAGGC TTTTGCTTAG CAAAGGGCTG ACTTTCCATT	2483
CTTATCATGG TGTATATATT TTTGTCACCA TTCCCACAAG TATACTTGAT GTTGTCATAG	2543
AACGAACATC CTACTCTATG ATTTACTAAC CAATTACTTT CCCAGATCAT AGACCTCTCT	2603
CCATAGTAGT CATAGGTCTT GACTTTGGGG AAAGAAAAGG AAGCTGCAGG AATATTTATC	2663
TCCAAAGTCG AATGAGAAAG AACTCCAGCA AATCCAATGG CTACAAACTA AAAATCAGCA	2723
TTATTTCATA TTGCTGTTTC TTAGCTGAAT ATGGAATAAA GAACTATTAT TTTATTTTGA	2783
AAAAAAAAA AAAA	2797

FIG. 6 (cont.d)

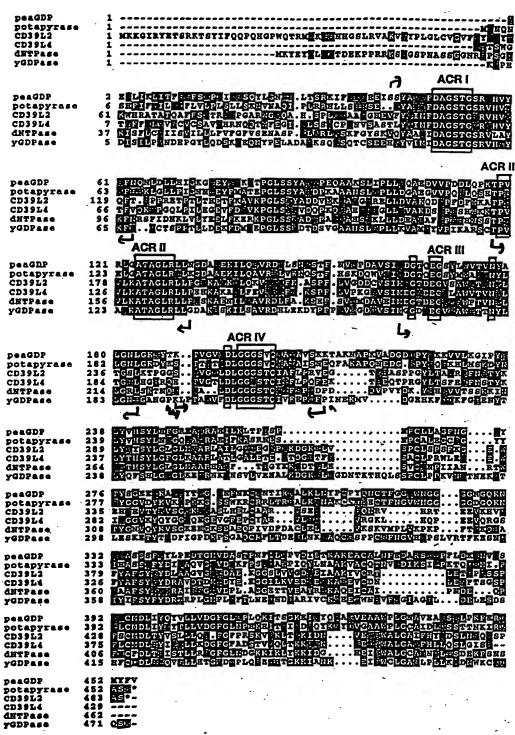
TCAT. AAAA TGCA AAAA	ACAG AGTG GGTG GA A M	AC A AT A TG C TG G iet A	AGAT TAAT GAGC CC A la T	CATT AAAG AGGA CT T hr S	A TG G AA T TG CT T er T	CTGC CCAA CTTC GG G rp G 5	GGAG TGCA GC A ly T	AAA ACA CA G hr V	ATTC AAAG TC T	AGA CCT TT T he P	AGGA CCAC TC A he M 0	AAGA CCAG TG C et L	AA A CC A TG G eu V	AATT CATC TG G		60 120 180 240 288
TCC Ser 15	Cys	Val	Cys	Ser	A1a 20	vai	ser	піз	ALY	25	01	·			30	336
GAG Glu	GGT Gly	ATC Ile	TTC Phe	CTG Leu 35	TCT Ser	TCC Ser	ATG Met	TGC Cys	CCC Pro 40	ATC Ile	AAT Asn	GTC Val	AGC Ser	GCC Ala 45	AGC Ser	384
ACC Thr	TTG Leu	TAT Tyr	GGA Gly 50	ATT Ile	ATG Met	TTT Phe	GAT Asp	GCA Ala 55	GGG Gly	AGC Ser	ACT Thr	~,	ACT Thr 60	CGA Arg	ATT Ile	432
CAT His	GTT Val	TAC Tyr 65	ACC Thr	TTT Phe	GTG Val	Gln	AAA Lys 70	ATG Met	CCA Pro	GGA Gly	CAG Gln	CTT Leu 75	CCA Pro	ATT Ile	CTA Leu	480
GAA Glu	GGG Gly 80	GAA Glu	GTT Val	TTT Phe	GAT Asp	TCT Ser 85	GTG Val	AAG Lys	CCA Pro	GGA Gly	CTT Leu 90	TCT Ser	GCT Ala	TTT Phe	GTA Val	528
GAT Asp 95	CAA Gln	CCT Pro	AAG Lys	CAG Gln	GGT Gly 100	GCT' Ala	GAG Glu	ACC Thr	GTT Val	CAA Gln 105	GGG Gly	CTC Leu	TTA Leu	GAG Glu	GTG Val 110	576
Ala	Lys	Asp	TCA Ser	11e 115	Pro	Arg	Ser	HIS	120	Lys	цуз	****		125		624
CTA Leu	AAG Lys	GCA Ala	ACA Thr 130	GCA Ala	GGA Gly	CTA Leu	CGC Arg	TTA Leu 135	CTG Leu	CCA Pro	GAA Glu	CAC His	AAA Lys 140	GCC Ala	AAG Lys	672
GCT Ala	CTG Leu	CTC Leu 145	TTT Phe	GAG Glu	GTA Val	AAG Lys	GAG Glu 150	ATC Ile	TTC Phe	AGG Arg	AAG Lys	TCA Ser 155	CCT Pro	TTC Phe	CTG Leu	720
GTA Val	CCA Pro 160	Lys	GGC Gly	AGT Ser	GTT Val	AGC Ser 165	ATC Ile	ATG Met	GAT Asp	GGA Gly	TCC Ser 170	GAC Asp	GAA Glu	GGC Gly	ATA "Ile	768
Leu 175	Ala	Trp	Val	Thr	Val 180	Asn	Pne	ren	Int	185	GIII	Deu		01,	CAC His 190	816
AGA Arg	CAG Gln	GAG Glu	ACT Thr	GTG Val 195	Gly	ACC Thr	TTG Leu	GAC Asp	CTA Leu 200	GIY	GGA Gly	GCC Ala	TCC Ser	ACC Thr 205	CAA Gln	864
ATC Ile	ACG Thr	TTC Phe	CTG Leu 210	Pro	CAG Gln	TTT Phe	GAG Glu	AAA Lys 215	Int	CTG Leu	GAA Glu	CAA Gln	ACT Thr 220		AGG Arg	912
GGC Gly	TAC Tyr	CTC Leu 225	Thr	TCC	TTT Phe	GAG Glu	ATG Met 230	Pne	AAC Asn	AGC Ser	ACT Thr	TAT Tyr 235	2,0	Leu	TAT	960

ACA Thr	CAT His 240	AGT Ser	TAC Tyr	TTG Leu	GGA Gly	TTT Phe 245	GGA Gly	TTG Leu	AAA Lys	GCT Ala	GCA Ala 250	AGA Arg	CTA Leu	GCA Ala	ACC Thr	1008
CTG Leu 255	GGA Gly	GCC Ala	CTG Leu	GAG Glu	ACA Thr 260	GAA Glu	GGG Gly	ACT Thr	GAT Asp	GGG Gly 265	CAC His	ACT Thr	TTC Phe	CGG Arg	AGT Ser 270	1056
GCC Ala	TGT Cys	TTA Leu	CCG Pro	AGA Arg 275	TGG Trp	TTG Leu	GAA Glu	GCA Ala	GAG Glu 280	TGG Trp	ATC Ile	TTT Phe	GGG Gly	GGT Gly 285	GTG Val	1104
AAA Lys	TAC Tyr	CAG Gln	TAT Tyr 290	GGT Gly	GGC Gly	AAC Asn	CAA Gln	GAA Glu 295	GGG Gly	GAG Glu	GTG Val	GGC Gly	TTT Phe 300	GAG Glu	CCC Pro	1152
TGC Cys	TAT Tyr	GCC Ala 305	GAA Glu	GTG Val	CTG Leu	AGG Arg	GTG Val 310	GTA Val	CGA Arg	GGA Gly	AAA Lys	CTT Leu 315	CAC His	CAG Gln	CCA Pro	1200
GAG Glu	GAG Glu 320	GTC Val	CAG Gln	AGA Arg	GGT Gly	TCC Ser 325	TTC Phe	TAT Tyr	GCT Ala	TTC Phe	TCT Ser 330	TAC Tyr	TAT Tyr	TAT Tyr	GAC Asp	1248
CGA Arg 335	GCT Ala	GTT Val	GAC Asp	ACA Thr	GAC Asp 340	ATG Met	ATT Ile	GAT Asp	TAT Tyr	GAA Glu 345	AAG Lys	GGG Gly	GGT Gly	ATT Ile	TTA Leu 350	1296
AAA Lys	GTT Val	GAA Glu	GAT Asp	TTT Phe 355	GAA Glu	AGA Arg	AAA Lys	GCC Ala	AGG Arg 360	GAA Glu	GTG Val	TGT Cys	GAT Asp	AAC Asn 365	TTG Leu	1344
GAA Glu	AAC Asn	TTC Phe	ACC Thr 370	TCA Ser	GGC Gly	AGT Ser	CCT Pro	TTC Phe 375	CTG Leu	TGC Cys	ATG Met	GAT Asp	CTC Leu 380	AGC Ser	TAC Tyr	1392
ATC Ile	ACA Thr	GCC Ala 385	CTG Leu	TTA Leu	AAG Lys	GAT Asp	GGC Gly 390	TTT Phe	GGC Gly	TTT Phe	GCA Ala	GAC Asp 395	AGC Ser	ACA Thr	GTC Val	1440
TTA Leu	CAG Gln 400	CTC Leu	ACA Thr	AAG Lys	AAA Lys	GTG Val 405	AAC Asn	AAC Asn	ATA Ile	GAG Glu	ACG Thr 410	GGC Gly	TGG Trp	GCC Ala	TTG Leu	1488
GGG Gly 415	GCC Ala	ACC Thr	TTT Phe	CAC His	CTG Leu 420	TTG Leu	CAG Gln	TC T Ser	CTG Leu	GGC Gly 425	ATC Ile	TCC Ser	CAT His	TGAG	GCCAC	1539
TTTC TACA TCAC CCAG TCCA	TGAA CATC AGAG GGAC CTGA	CT A TA A AG C AG G AT A	GTCI TGTG CCTG TCCC	GGGA GAACT TGAG TGGA LAATT	AC AT TO TT TT	CCTC GCC1 AAAA CCAAA CCTC1	GACT CAACC AGTAT AGAAA CTAAA	TGA CACT AGT AAT TGG	GCCT CAAG TTTTG CGCA TAAA AGTG	AGA GAA TTT CTG GCCC	GATT ACAC CTTA CAAC ACTT	TAGO AGCI ACCI CCTI	TT T TGG (TTG (TTG I	AATT ACCA AGTG AGTGC	ACTTAG PAATTT AGAGCA BAGAGC CCTCAT CAAGAC TGCACC	1599 1659 1719 1779 1839 1899 1959

F16.7 (cont'd)



F16.8



F16. 9